



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/836,397	04/17/2001	Hark C. Chan	LOCREM-01	7258
23437	7590	04/28/2010	EXAMINER	
HARK CHAN			NANO, SARGON N	
13809 SE 43RD ST			ART UNIT	PAPER NUMBER
BELLEVUE, WA 98006-2259			2457	
			MAIL DATE	DELIVERY MODE
			04/28/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	09/836,397	CHAN, HARK C.
	Examiner	Art Unit
	SARGON N. NANO	2457

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 4/24/09 and 2/22/01.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 2-20 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) NONE is/are allowed.
 6) Claim(s) 2-20 is/are rejected.
 7) Claim(s) NONE is/are objected to.
 8) Claim(s) NONE are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date _____.
 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date _____.
 5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____.

DETAILED ACTION

1. This action is responsive to communication received on 2/22/2010 and appeal brief filed on 8/6/2009. Applicant's arguments, filed with respect to the rejection(s) of claim(s) 2- 20 under 35 U.S.C. 103(a) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made. Consequently, claims 2 – 20 are pending examination.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 2 – 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Weiss et al. U.S. Patent No. 4,856,062 (referred to hereafter as Weiss) in view of Chen et al. U. S. Patent Pub. No. 2004/0047358 (referred to hereafter as Chen).

As to claim 2, Weiss teaches a system for communication through a wide area network, said system comprising:

an apparatus comprising:

at least one member of said apparatus and said at least one portable unit generates non-deterministic digital contents ,said one member uses its wireless local interface to deliver at least one of said digital contents to another member of said apparatus and said at least one portable unit, said digital content being used by said apparatus and said at least one portable unit as identification in communication via said wide area network. (see col.2 line 45 – col. 8 line 67, Weiss discloses a verification process between a portable device and a remote host where a user inputs a fixed code along with a non predicted code that is generated at a regular interval of time, without user intervention, in order to gain access and establish communication with a host of a network).

Weiss teaches the invention as mentioned above, Weiss does not explicitly teach the “ a first wide area interface” and “ a first local interface”. However Chen teaches a home gateway system having multi – function wireless and wired networking , wireless and wired telephony, broadband , gateway device that provides automatic wireless and wired broadband initialization and bridging functionality (see col.2, lines 57 – 62).

Moreover, Chen teaches wireless devices are connected to a gateway using local and wide area interface (see paragraphs 0067, 0068, 0076 and fig.5).

It would have been obvious to one of the ordinary skill in the art, at the time of the invention was made, to incorporate the local and wide area interface as disclosed by Chen in Weiss’s invention to provide users with data connection capabilities to a computer or host system regardless of geographical locations.

As to claim 3, Weiss teaches the system wherein said one member comprises a random number generator used for generating said digital contents. (see col. 3 lines 10 – 26 and col.4 lines 12 - 22).

As to claim 4, Weiss teaches the wherein said apparatus and said at least one portable unit each comprises a memory for storing said at least one non-deterministic digital content. (see col. 1, line 61 – col. 2 line 21).

As to claim 5, Weiss teaches the system wherein each of said wireless local interfaces comprises a radio frequency interface. (see col. 8 lines 22 – 34).

As to claim 6, Weiss teaches the system wherein said at least one portable unit is a cellular phone (see col. 8 lines 22 – 34).

As to claim 7, Weiss teaches the system wherein said al least one portable unit is a personal digital assist device (see col. 8 lines 22 – 34).

As to claim 8, Weiss teaches the system wherein said at least one digital content comprises an algorithm (see abstract).

As to claim 9, Weiss teaches the system wherein said at least one digital content comprises a digital code (see col.1 lines 13 - 35).

As to claim 10, Weiss teaches the system wherein said wireless local interface of said apparatus and said al least one portable unit performs authentication in delivering said at least one digital content. (see col.2 lines 60 - 63).

As to claim 11, Weiss teaches the system wherein said one member can detect a presence of said another member and delivers said at least one digital content to said

another member automatically without user intervention (see col.6 lines 19 – 49, Weiss discloses establishing communication between a portable computer and a host computer).

As to claim 12, Weiss teaches a method for an apparatus and a portable unit to communicate through a wide area network, comprising:

generating non - deterministic digital contents by one of the apparatus and the portable unit at multiple times without user action at these times (see col. 8 lines 16 - 34);

while the apparatus and portable unit are delivering at least one of the digital contents by the one of the apparatus and the portable unit to another of the apparatus and the portable (see col. 8 lines 22 – 34); and

using the at least one of the digital contents as identification in communication between the apparatus and the portable unit (see col.2 line 45 – col. 8 line 67).

Weiss does not explicitly teach the “ within a domain” and “ wide area interface”. However Chen teaches a home gateway system having multi – function wireless and wired networking, wireless and wired telephony, broadband, gateway device that provides automatic wireless and wired broadband initialization and bridging functionality (see col.2, lines 57 – 62).

Moreover, Chen teaches wireless devices are connected to a gateway using local and wide area interface (see paragraphs 0067, 0068, 0076 and fig.5).

It would have been obvious to one of the ordinary skill in the art, at the time of the invention was made, to incorporate the local and wide area interface as disclosed by

Chen in Weiss's invention to provide users with data connection capabilities to a computer or host system regardless of geographical locations.

As to claim 13, Weiss teaches the method of claim 12 wherein the one of the apparatus and the portable unit comprises a random number generator for generating the digital contents (see col. 3 lines 10 – 26 and col.4 lines 12 - 22).

As to claim 14, Weiss teaches the method of claim 12 wherein the delivering is conducted using radio frequency signals (see col. 1, line 61 – col. 2 line 21).

As to claim 15, Weiss teaches the method of claim 12 wherein the portable unit is a cellular phone (see col. 8 lines 22 – 34).

As to claim 16, Weiss teaches the method of claim 12 wherein the portable unit is a personal digital assist device (see col. 8 lines 22 – 34).

As to claim 17, Weiss teaches the method of claim 12 wherein the at least one digital content comprises an algorithm (see abstract).

As to claim 18, Weiss teaches the method of claim 12 wherein the at least one digital content comprises a digital code (see col.1 lines 13 - 35).

As to claim 19, Weiss teaches the method of claim 12 wherein the delivering comprises authenticating at least one of the apparatus and the portable unit (see col.2 lines 60 - 63).

As to claim 20, Weiss teaches the method of claim 12 wherein the one of the apparatus and portable unit can detect a presence of the another of the apparatus and the portable unit and deliver the at least one digital content to the another automatically without user intervention (see col.6 lines 19 – 49).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SARGON N. NANO whose telephone number is (571)272-4007. The examiner can normally be reached on M-F 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Sargon N Nano/

Examiner, Art Unit 2457

/ARIO ETIENNE/

Supervisory Patent Examiner, Art Unit 2457